

**Table S1.** Table showing correlation coefficient across arrays. The coefficients were calculated using Pearson Correlation Coefficient.

Array name	C1	C2	MG1	MG2	Group
C1	1	0.933142	0.845525	0.458043	Control
C2	0.933142	1	0.928965	0.53701	Control
MG1	0.845525	0.928965	1	0.619415	MG
MG2	0.458043	0.53701	0.619415	1	MG